Form 3160-3 (November 1983) (formerly 9-331C)

# **UNITED STATES**

24.0

15.50

SUBMIT IN TR (Other instructions on reverse side)

	proved. Buresu No.	10040136
	August 31,	
		4

	5. LEASE DESIGNATION AND SERIAL NO. 4					
	NOG 8505-108					
APPLICATIO	N FOR PERMIT	IO DRILL, DEEP	EN, OR PLUG	BACK	6. IF INDIAN, ALLOTTER	OR TRIBE NAME
1a. TYPE OF WORK					NAVAJO	
DR	ILL 🖾	DEEPEN 🗌	PLUG BA	.ck □	7. UNIT AGREEMENT N	AMB
D. TYPE OF WELL					7.0	
WELL KX	AN OTHER	8 2	ONE XX EONE	PLB	8. FARM OR LEASE NAM	(# <sub>1</sub>
2. NAME OF OPERATOR					NAVAJO TRIBA	LA
CHUSKA ENE	RGY COMPANY				9. WELL NO.	
3. ADDRESS OF OPERATOR					3323-24	
P. O. Box	2118, Farmingto	n. New Mexico _	87499		10. PIELD AND POOL, O	E WILDCAT
4. LOCATION OF WELL (B	eport location clearly and	in accordance with an	dite fed the blok E"X"		~ ANETH	
At surface		.6.	· FOLIVED		11. sBC., T., R., M., OR 1	LK.
1920' FSL	& 2140' FEL	(50		Į.	AND SURVEY OR AR	· BA
At proposed prod. zo: SAME	18	Nul -	NOV 0 4 1985		24 - 41s - 2	23E
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST OFFIC	7 <b>2</b> *		12. COUNTY OR PARISH	13. STATE
			IVISION OF OIL		SAN JUAN	UTAH
15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEARE ! (Also to nearest dri	T Line, FT.	16. N	GAS & MINING 5420	17. NO. O. TO TH	F ACRES ASSIGNED IIS WELL 40	
18. DISTANCE FROM PROJ TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	19. r	5600	20. ROTAE	ROTARY	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)		PIN		22. APPROX. DATE WO	
4691' GR			•		December 30,	, 1985
23.	1	PROPOSED CASING AN	D CEMENTING PROGE	RAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMEN	(T
17 1/2	13 3/8	54.50	80			

1600

5600

SEE ATTACHED

8 5/8

12 1/4

7 7/8

***************************************
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE)_///13/85
BY then to Dayan
WELL SPACING: _ 6 13 (3)

See Attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed is to deepen or plug back, give data on present productive sone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if 96 DATE 10/30/85 for Federal or State office use) 637-31217 PERMIT NO APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:

		ENERGY COMP		<i>332</i> . №. <del>-33-21.</del>	
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BEST OF	MY KNOV	VLEDGE AND	BEUEF	AKP	
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			21 LB	4	· ·

September

FARHINGTON, N. M.

# FORMATION INFORMATION AND DRILLING PRACTICES

CHUSKA ENERGY COMPANY
Navajo Tribal A No. 3323-24
1920' FSL & 2140' FEL
Section 24, T41S, R23E
San Juan County, Utah

#### 1. Surface Formation: Bluff Sandstone

#### 2. Estimated Formation Tops:

Chinle	1290'
DeChelly	2410'
Organ Rock	2635'
Hermosa	4345
Upper Ismay	52081
Lower Ismay	5374
Desert Creek	5430'
T.D.	5600'

#### 3. Estimated Depth of Anticipated Oil, Gas, Water or Minerals:

Oil 5430'

#### 4. Proposed Casing Program:

0-80'	13 3/8", 54.4 lb./ft., ST & C J-55 new casing; cement with 120 cu. ft. Class "B" + 2% CaCl2 + 1/4 lb. celophane flakes per sack.
0-1600'	8 5/8", 24 lb./ft., ST & C K-55 new casing; cement with 800 cu. ft. 65-35 poz mix + 2% CaCl2. Cement will be brought to surface.
0-5600' T.D.	5 1/2", 15.5 lb./ft., ST & C K-55 new casing; cement with 450 cu. ft. 50-50 poz mix + 2% CaCl2 + 10% salt + 0.8% fluid loss additive. Cement top at 4000'. Second stage tool at 3000'. Cement with 750 cu. ft. Class "B" with 4% gel. Cement to surface.

#### 5. Pressure Control Equipment - Blow Out Preventor:

The attached schematic shows the type of blowout preventor to be used while drilling. The unit will be tested to 800 psi prior to drilling from under surface pipe.

#### 6. Drilling Fluids:

DEPTH	TYPE	VIS.	WEIGHT	FLUID USAGE
0-1600	Gel-lime	35-45	9.0	Not controlled
1600-4000'	Gel-chem	35 <b>-4</b> 5	9.5	15cc
4000-5600!	Low solids	45-50	10.0	9cc

#### 7. Auxiliary Equipment:

- a. Bit float
- b. Stabbing valve to be used in drill pipe when kelly is not connected.

#### 8. Logging - Coring - Testing Program:

Logging - Open Hole:

IES, CNL, FDC

Mud:

4000' to T.D.

Testing:

Possible in Lower Ismay and Desert Creek.

Coring:

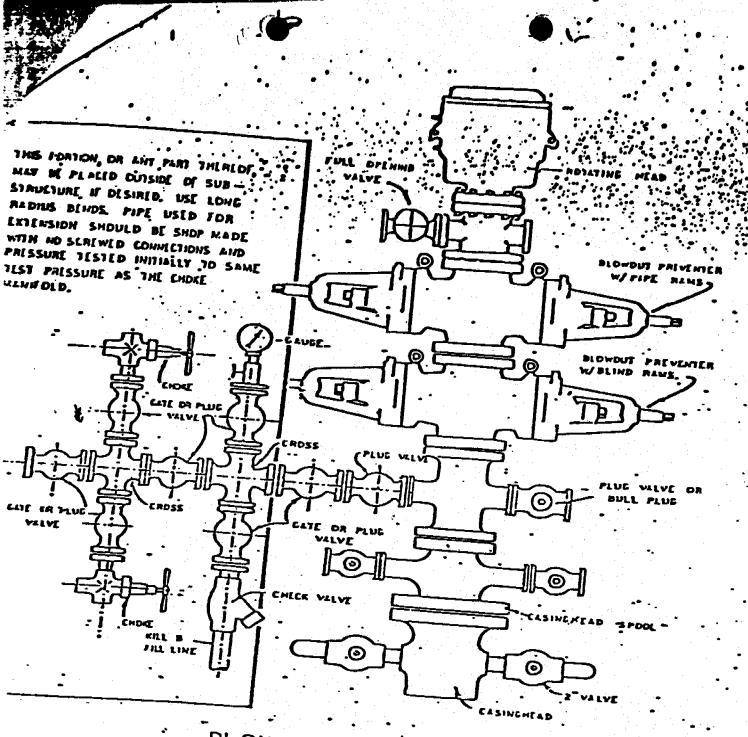
None planned.

### 9. Abnormal Temperatures, Pressures or Potential Hazards:

None Expected.

#### 10. Starting Date:

Anticipated starting date is December 30, 1985. Approximately 5 days will be required to build roads and location. Drilling will take about 15 days. Completion should be accomplished in 6 days.



BLOWOUT PREVENTER HOOKUP

#### SURFACE USE PLAN

CHUSKA ENERGY COMPANY
Navajo Tribal A No. 3323-24
1920' FSL & 2140' FEL
Section 24, T41S, R23E
San Juan County, Utah

#### 1. Existing Roads (shown in green):

The attached topographic map shows all existing roads within one mile of the proposed location. The access road will join a secondary road leading to an existing county dirt road. The county and secondary road will bear normal drilling traffic and not have to be upgraded.

#### 2. Planned Access Road (shown in red):

The new access road will run East from the existing secondary road approximately 400 feet to the well site. Maximum grade will be 10%. Water bars will be used to prevent errosion.

#### 3. Location of Existing Wells:

All existing oil, gas, water, drilling and disposal wells are shown on the attached topographic map.

#### 4. Location of Tank Batteries, Prod. Facilities & Prod. Gathering & Service Lines:

All production facilities are to be contained within the proposed location site. The operation has no other facilities in the area. A 2 1/2" threaded and coupled, steel, 6000 psi test gas line will be layed in the new access road and will follow the existing road to a tie-in in NW/SE 24-41S-23E. This line will initially be layed on the surface and later buried.

#### 5. Location and Type of Water Supply:

Water will be trucked from the San Juan River, 4 miles North of the location.

#### 6. Source of Construction Materials:

Any gravel or other construction material that can not be obtained from the excess accumulated from building the location will be purchased from the Navajo Tribe.

#### 7. Methods of Handling Waste Disposal:

All trash will be carried to a land fill or burned. All non burnable materials (drilling fluids, cuttings, chemicals) will be stored in the reserve pit and then buried when they have dried. Any oil produced while drilling will be trucked from the location prior to leaving pit to dry out. Pits will be completely fenced during drying time, then backfilled with dirt prior to preparing the location for production or abandonment.

8. A portable chemical toilet will be supplied for human waste.

#### 9. Ancillary Facilities:

No ancillary facilities are planned.

#### 10. Well Site Layout:

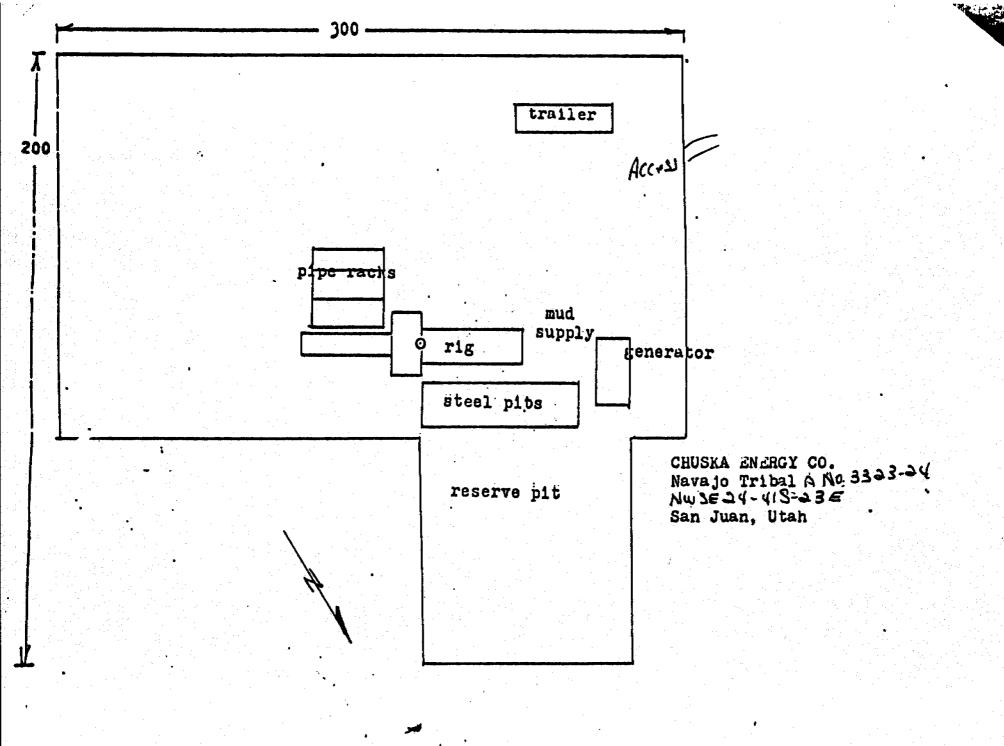
The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.

#### 11. Plans for Restoration of Surface:

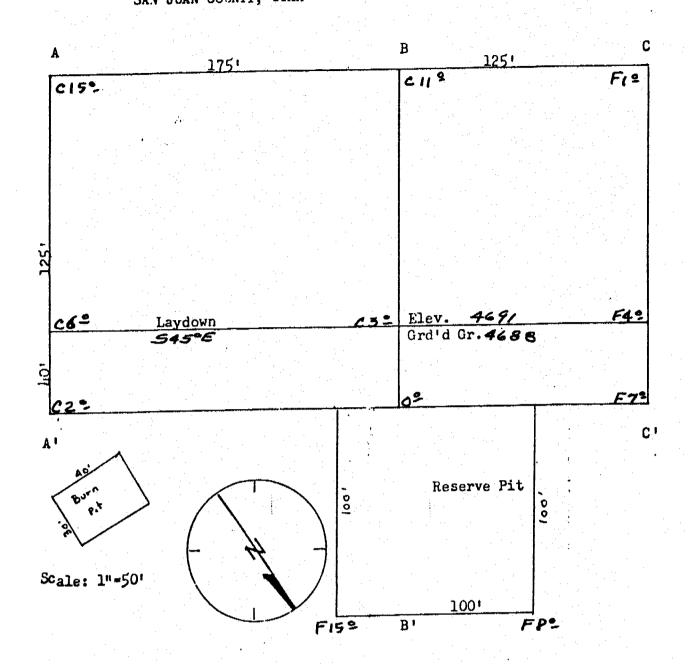
Restoration of the well site and access road will begin within 90 days of well completion weather permitting, and if required by private land owner. Should well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drillsite and road will have any topsoil replaced and will be reseaded when germination of seeds can take place. In either case, cleanup of the site will include burning of any safely burnable material, filling of all pits, carrying away of all non burnable material and any chemicals that cannot be safely buried, and the hauling off of any oil that may have accumulated on the pits while drilling. A burn permit will be acquired if necessary.

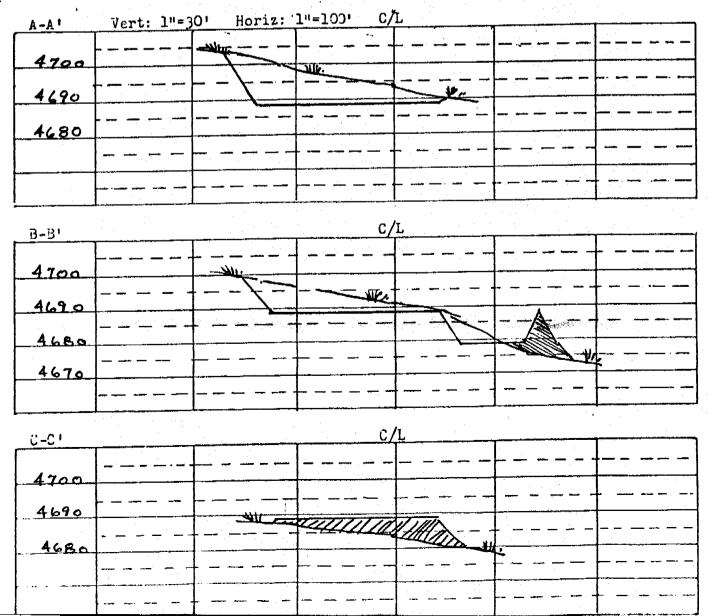
- 12. This location is approximately 4 miles South of the San Juan River. It is located on flat ground and covered with native weeds and grasses. No artifacts were found on the site. There are no residences in the area.
- 13. John Alexander
  CHUSKA ENERGY COMPANY
  P. O. Box 2118
  Farmington, New Mexico 87499
  (505) 326-5525
- 14. I hereby certify that I, or persons under by direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chuska Energy Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

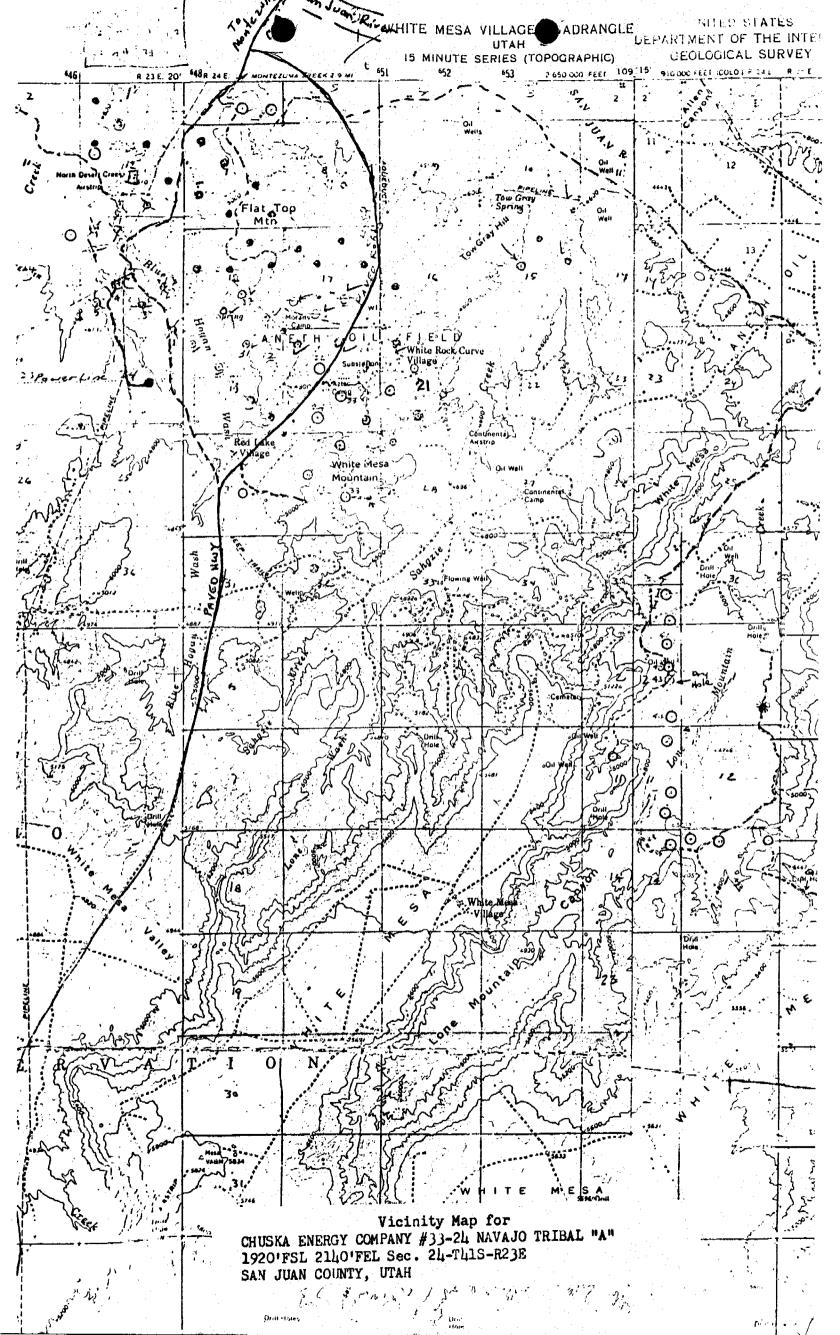
JOHN ALEXANDER October 30, 1985 ofan Oc



CHUSKA ENFO COMPANY #33-24 NAVAJO TRIBAL 1920'FSL 250'FEL Sec. 24-T41S-R23E SAN JUAN COUNTY, UTAH







OPERATOR Chusha Energy	Co.	DATE <u>//-5-85</u>
WELL NAME Navajo Srital	A 3323-24	
OPERATOR Chusha Energy WELL NAME Navajo Srital SEC NWSE 24 T 4/S	R 23E COUNTY	San Juan
43-037-31217 API NUMBER	San	COF LEASE
CHECK OFF:		
PLAT	BOND	NEAREST WELL
LEASE	FIELD	POTASH OR OIL SHALE
PROCESSING COMMENTS:  Med water permit	in 1000'	
need water gunit		`\
		\
-		
APPROVAL LETTER:		
SPACING: A-3 UNIT	c–3–a	CAUSE NO. & DATE
c-3-b	C-3-c	
STIPULATIONS: 1-Water		



Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 13, 1985

Chuska Energy Company
P. O Box 2118
Farmington, New Mexico 87499

#### Gentlemen:

Re: Well No. Navajo Tribal A 3323-24 - NW SE Sec. 24, T. 41S, R. 23E 1920' FSL, 2140' FEL - San Juan County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

- Spudding notification to the Division within 24 hours after drilling operations commence.
- 2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
- 3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
- 4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2 Chuska Energy Corporation Well No. Navajo Tribal A 3323-24 November 13, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31217.

Sincerely,

Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
Bureau of Indian Affairs

API #43-037-31217

### DIVISION OF OIL, GAS AND MINING

DATE 12-11-85

	S	PUDDING	INFORMA	TION	API #4	3-037	7-31217	4	
NAME OF COMPANY:	CHUSKA	ENERGY	COMPAN	Υ					•
WELL NAME:	Navajo	Tribal	A 3323	-24					-
SECTION NW SE 24 TOWNS					COUNTY	San	Juan	<u> </u>	
DRILLING CONTRACTOR	Aztec	Drillin	g			· · .			
RIG #									
SPUDDED: DATE 12-10	-85								
TIME1:15	_AM								
HowRota	ry								
DRILLING WILL COMMENCE	· · · · · · · · · · · · · · · · · · ·								
REPORTED BY John Ale:	xander		<u> </u>						
TELEPHONE # 505-326-	5525								

SIGNED

SB

Form 3160-5
(November 1983)
(Formerly 9-331)

BROOT OR ACIDIZE

REPAIR WELL

ARANDON\*

BUBM: (Other				
verse s	10	e) .	 	****** **

Form approved.	
Budget Bureau No.	1004-013
Expires August 31,	1985

	BUREA	J OF LAND MANAGEMENT		NOG 8505-1087
	SUNDRY NOTI	WELLS to a different reservoir.	Navajo	
Γ.	OIL CAR OTHER			7. UNIT AGREEMENT NAME
2.	NAME OF OPERATOR			8. FARM OR LEASE NAME
	Chuska Energy	Company		Navajo Tribal A
3.	ADDRESS OF OPERATOR			9. WELL BO.
	P. O. Box 2118	, Farmington, New M	exico 87499	3323-24
đ.	LOCATION OF WELL (Report location of See also space 17 below.) At surface	early and in accordance with any Stat	e requirements.*	10. FIELD AND POOL, OR WILDCAT  Aneth
	1920' FSL	& 2140' FEL		11. SBC., T., R., M., OR BLE. AND SURVEY OR AREA
				24 - 41S - 23E
14	, PERMIT NO.	15. BLEVATIONS (Show whether Dr. RT.	GR, etc.)	12. COUNTY OR PARISE 13. STATE
		4691' GR		San Juan Utah
16.	Check Ap	propriate Box To Indicate Natu	re of Notice, Report, or (	Other Data
	NOTICE OF INTEN	TION TO:	SONSPO	UBRT EBPORT OF:
		DELL OF LIBER CLEIN		V

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones pertinent to this work.)\*

Drilled 12 1/4" hole to 1422'. Ran 8 5/8" 24 lb./ft. casing to 1415'. Cemented with 765 cu. ft. 65/35 Poz mix with 6% gel and 1/2 1b. D-29/Sk, followed by 236 cu. ft. Class "B" with 2% CaCl2 and 1/2 1b. D-29/Sk. Cement circulated to the surface. Job Complete 12/13/85.

BEOOTING OR ACIDIZING

### RECEIVED

DEC 2 0 1985

DIVISION OF OIL GAS & MINING

1 1 20 1			
8 I hereby certify that the toresold in true and correct  BIGNED John Alexander	TITLE	Vice-President	DATE 12/17/85
(This space for Federal or State office use)			
APPROVED BY	TITLE		DATE

5610'. Cement cu. ft. Class was 255 cu. ft Maintained ful	olng is true and correct	s below a s Cal-Seal/s with 6% ge wough Loth	stage tool at Sk, 19% Salt, al followed b	t 2680'. , 0.6% H <u>al</u> oy 59 cu. ob complet	ad-9. Secon ft. Class "B	was 308 d stage ".
5610'. Cement cu. ft. Class was 255 cu. ft	ted in two stages "H" with 10 lb. t. 65/35 poz mix ll circulation th	s below a s Cal-Seal/s with 6% ge	stage tool at Sk, 19% Salt, al followed b	t 2680'. , 0.6% Hal oy 59 cu.	First stage and 9. Secon ft. Class "B	was 308 d stage
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nent to this work.)	directionally drined, give an	meuriace location	s and measured and	true vertical de	puns for all markers	and sones perti
(Other)  17. DESCRIBE PROPOSED OR COMPLET	ED OPERATIONS (Clearly State	e all pertinent d	stalls and size boot		multiple completion on Report and Log for luding estimated date	
REPAIR WELL	CHANGE PLANS		(Other)			
FRACTURE TREAT SHOOT OR ACIDIZE	MULTIPLE COMPLETE ABANDON*		FRACTUBE TREAT	·	ALTERING CA	
TEST WATER BHUT-OFF	PULL OR ALTER CASIN	ه 🔲 📗	WATER SHUT-OF	, XX	repairing w	TELL
	INTENTION TO:		or or radice, he		EBPORT OF:	
16. Chec	k Appropriate Box To	<del></del>	ure of Notice Re	port or Oth		l CCAII
14. PERMIT NO.	15. BLEVATIONS (Sh	•	, GR, etc.)	12	San Juan	18. STATE Utah
				1	24 - 41s -	
		·	•	11	L. ENC., T., R., M., OR B SURVEY OR ARMA	LK, AND
See also space 17 below.)	& 2140 FEL				Aneth	<i>:</i>
4. LOCATION OF WELL (Report location)	B, Farmington, No atlon clearly and in accorda		O MOISIVIO		3323-24	WILDCAT
3. ADDRESS OF OPERATOR			DIMO:ON O		WELL NO.	OT U
2. NAME OF OPERATOR  Chuska Energy	Company		C 3 0 19	)85 <sup>8.</sup>	Navajo Trib	-
OIL CAS OT	HER			7.	UNIT AGREEMENT NA	X S
	proposals to drill or to des PPLICATION FOR PERMIT	for such prope	to a different reser			
(Do not use this form for Use "Al		epen or plug back	,	1	Navajo	OR TRIBE NAME
SUNDRY I	NOTICES AND RE	PORTS OF	N WELLS	1 .	IF INDIAN, ALLOTTES	
SUNDRY	UREAU OF LAND MAI	PORTS OF	J WELLS	o.	NOG 8505-10	
SUNDRY	NOTICES AND RE	E INTERIO NAGEMENT PORTS ON	J WELLS	Ons re- 5.		31, 1985 AND SERIAL MO.

\*See Instructions on Reverse Side

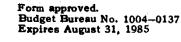
SUNDRY NOTICES AND REPORTS ON WELLS  (The not use this form for proposals to deliber to derive or plug back to a different reservoir.  (The NAME OF PRESENTATION FOR REMARKS—"For each proposals.)  **CHURCA Emercy Company**  APPLES FOR 2118, Farmington, New Mexico 87499  **CHURCA Emercy Company**  APPLES FOR 2118, Farmington, New Mexico 87499  **CHURCA Emercy Company**  AT SUFFECT 1920' FSL & 2140' FEL  **CHURCA Emercy Company**  AT SUFFECT 1920' FSL & 2140' FEL  **CHURCA EMERCA EME	orm 3160-5 ovember 1983) ormerly 9-331)  DEPARTMENT OF THE INTERIOR verse side)  BUREAU OF LAND MANAGEMENT	Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985  5. LEASE DESIGNATION AND SERIAL NO. NOG 8505-1087
Thurs or office of the property of the propert	SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
Chuse Energy Company  Assessed or organized 2118, Farmington, New Mexico 87499  Deather or organized 2120, Feb. 1 10, Fills, Def Tool, or wilder Assessed 1 10, Fills, Def Tool, Def		7. UNIT AGREEMENT NAME
P. O. Box 2118, Farmington, New Mexico 87499  2323-24?  Decrete of Very Competition clearly and in accordance with any State requirements.*  At surface 17 to 1920.*  At surface 1920.*  1920.* FSL & 2140.* FEL  18. Bell And And State 1920.*  1920.* FSL & 2140.* FEL  1920.*  18. Bell And State 1920.*  1920.* FSL & 2140.* FEL  1920.*	NAME OF OPERATOR	
Describe for state and the properties of the contract of the c		
Rec ally agaze 17 below)  1920' FSL & 2140' FEL  PERMIT NO.  11. BIRTATIONS (Show whether DP, NT, OR, etc.)  12. COUNTY OF PARIES 18. SEATH  A691' CR  Check Appropriete Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTERTION TO:  PERCURAN THE BRUG-OFF  P		1/
Anoth  1920' FSL & 2140' FEL  11. SEC. T. T. W. GR REX. AND  24 - 415 - 23E  PREMITY NO.  45. 237-31-27  4691' GR  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Dato  Notices of interaction to:  THEN WATER SECTION OF ALTER CABINO  NUTURES COMPLETE OF ARRANDOM  FRACTURE TREATH WILL  CHANGE TRANS  CHANGE TRANS  DEFORM WELL  COMPLETE OF ARRANDOM  COMPLETE OF REATING CABINO  COMPLETE OF REATING CABINO  COMPLETE OF REATING CABINO  DESCRIBE PROPURED OR COMPLETE OF REATINGS (Clearly state all pertinent details, and give pertinent dates, included the first of the rest of practing rent to this work.)  Drill out cement retainer at 2680'. Ran cement bond log and found lower stage cement top at 4586' and upper stage at 2300'. Perforated Desert Creek, 2006 5512'-55522'; 55522'. Acidized interval with 3200 gal. 288 HCI acid. Swab tes zone at 30 b.o.p.d. and 90 b.w.p.d. Ran pump and rods. Job complete 1-04-86.	LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)	
PREMIT NO.  #3-637-312/7    1E. ELEVATIONS (Show whither Dr. ET. GR. etc.)   12. COUNTY OF PARISIN   18. STATE SAN JUAN   19. COUNTY OF PARISING TO STATE PARISING THE STATE PARISING OR ACTORISM   20. COUNTY OF PARISING THE STATE PARISING OR ACTORISM   20. COUNTY OF PARISING THE STATE PARISING OR ACTORISM   20. COUNTY OF PARISING THE STATE PARISING OR ACTORISM THE STATE PARISING OR ACTORISM OR ACT	At surface	
THE PROPERTY NO. 4691' GR  18. REVATIONS (Show whether Dr. RT. OR. etc.)  19. COUNTY OR PARISH 18. STATE  San Juan  19. Check Appropriate Box To Indicate Noture of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  THE WATER SHOT-OFF PRACTURE TREAT  SHOOT OR ACTICITY  PRACTURE TREAT  SHOOT OR ACTICITY  PRACTURE TREAT  SHOOT OR ACTICITY  PRACTURE TREAT  (Other)  PRODUCT OR ALTER CASING  SHOOTING OR ACTICITY  PRACTURE TREAT  (Other)  PRODUCT OR ALTER CASING  (Other)  PRODUCT PROPERTY OF PRACTURE TREATMENT  (Other)  PRODUCT OR ACTICITY OF PARISH (Clearly Atlate all pertitions details, and active the pertinent date of institute completion on Well  Completion or Necoupletion Report of multiple completion on Well  Completion or Necoupletion Report of multiple completion on Well  Completion or Necoupletion Report of multiple completion on Well  Completion or Necoupletion Report of multiple completion on Well  Completion or Necoupletion Report of multiple completion on Well  Completion or Necoupletion Report of multiple completion on Well  Completion or Necoupletion Report of multiple completion on Well  Completion of Necoupletion Report of multiple completion on Well  Completion of Necoupletion Report of multiple completion on Well  Completion of Necoupletion Report of multiple completion on Well  Completion of Necoupletion Report of multiple completion on Well  Completion of Necoupletion Report of multiple completion on Well  Completion of Necoupletion Report of multiple completion on Well  Completion of Necoupletion Report of multiple completion on Well  Completion of Necoupletion Report of multiple completion on Well  Completion of Necoupletion Report of multiple completion on Necoupletion on Nec	1910 1911 (1 2110 1111)	
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  **NOTICE OF INTENTION TO:**  **TEST WATER SHUT-OFF**  **PACTURE TREAT**  **ORDOT OR ACIDIES**  **REPAIR WELL**  **(Other)**  **DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all) pertinent details, and give pertinent date, lackading estimated date of starting at proposed on Complete Depart to this work.)**  **DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all) pertinent details, and give pertinent date, lackading estimated date of starting at proposed to the work.)**  **DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all) pertinent details, and give pertinent date, lackading estimated date of starting at proposed to the work.)**  **DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all) pertinent details, and give pertinent date, lackading estimated date of starting at proposed to the work.)**  **DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all) pertinent details, and give pertinent date, lackading estimated date of starting at proposed to this work.)**  **DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all) pertinent details, and give pertinent date, lackading estimated date of starting at pertinent date. Treek zone date of starting at pertinent date, lackading estimated date of starting at pertinent date. Treek zone date of starting at pertinent date, lackading estimated date of starting at pertinent date. Treek zone date of starting at the pertinent date of starting at the pertinent date. Treek zone date of starting at the pertinent date of starting at the pertinent date of starting at the pertinent date. Treek zone date of starting at the pertinent date of starting at the pertinent date. Treek zone date of starting at the pertinent date of starting at the pertinent date. Treek zone date of starting at the pertinent date of starting at the pertinent date of starting at the pertinent date. Treek zone date of starting at the pertinent date of starting at the pertinent date of		24 - 41S - 23E
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TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF PLACTURE TREAT SHUTDON ALTERING CASING		
PRACTURE TREAT BEFORM WILL GENOT OR ACIDIEN  BEPAIR WELL (Other)  DESCRIBE IMPORTMENT WELL (Other)  DISCRIBE IMPORTMENT WELL (Other)  (Oth	Check Appropriate Box To Indicate Nature of Notice, Report, or C	Other Data
PRACTURE TREAT SHOOT OF ACIDIES  ABARDON*  CHANGE PLANG  COMPLETES OFFRATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting a proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones per ment to this work.)*  Drill out cement retainer at 2680'. Ran cement bond log and found lower stage cement top at 4586' and upper stage at 2300'. Perforated Desert Creek zone 5512'-5518'-5522'; 5525'-5533'. Acidized interval with 3200 gal. 28% RKI acid. Swab test zone at 30 b.o.p.d. and 90 b.w.p.d. Ran pump and rods. Job complete 1-04-86.  Thereby certity that the pregoing the and correct.  Thereby certity that the pregoing the and correct.  Title Vice-President  DATE 1/10/86	NOTICE OF INTENTION TO:	WENT REPORT OF:
Competion: Report results of multiple completion on Well Competion Recompletion Begor tand Log form.)  DESCRIBE PROPOSED ON COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent date, including estimated date of starting as proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones per nent to this work.)*  Drill out cement retainer at 2680'. Ran cement bond log and found lower stage cement top at 4586' and upper stage at 2300'. Perforated Desert Creek zone 5512'-5518'-5522'; 5525'-5533'. Acidized interval with 3200 gal. 28% HCL acid. Swab test zone at 30 b.o.p.d. and 90 b.w.p.d. Ran pump and rods. Job complete 1-04-86.  Thereby certify that the foregolar life and correct and correct tops of the performance of the complete state of the complete	FRACTURE TREAT  MULTIPLE COMPLETE  FRACTURE TREATMENT  SHOOT OR ACIDIZE  ABANDON®  SHOOTING OR ACIDIZING	ALTERING CASING
Drill out cement retainer at 2680'. Ran cement bond log and found lower stage cement top at 4586' and upper stage at 2300'. Perforated Desert Creek zone 5512'-5. 5518'-5522'; 5525'-5533'. Acidized interval with 3200 gal. 28% HCL acid. Swab tes zone at 30 b.o.p.d. and 90 b.w.p.d. Ran pump and rods. Job complete 1-04-86.  Thereby certify that the foregoine with and correct store of the control o	(Nors: Report results	of multiple completion on Well
I hereby certify that the foregoing is fast and correct  BIGNED John Alexander Vice-President  DATE 1/10/86	proposed work. If well is directionally drilled, give subsurface locations and measured and true vertica	including estimated date of starting an il depths for all markers and sones perti
SIGNED John Alexander Vice-President DATE 1/10/86	Drill out cement retainer at 2680'. Ran cement bond lo cement top at 4586' and upper stage at 2300'. Perforated De 5518'-5522'; 5525'-5533'. Acidized interval with 3200 gal.	og and found lower stage esert Creek zone 5512'-55 28% HCL acid. Swab test
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\*See Instructions on Reverse Side

Form 3160-4 (November 1983) (formerly 9-330)

## ED STATES

#### SUBMIT IN DUPLI



DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

er instructions on reverse side)

August 31,	

5.	LEASE	DESIGNATION	AND	SERIAL	NO.
		200			

	ADI ETIONI	OD DECOM	ADLETION I	DEDODT A	ND 1 00	6 IV	NOG BOU	OTTEE OR TRIBE NAME
		OR RECON	APLETION I	REPORT A	IND LO	3 1	OLAVAI	
1a. TYPE OF WEL	C: OIL	LL XX WELL	DRY 🗌	Other		7. UNI	T AGREEMEN	T NAME
b. TYPE OF COM			. DIES (***)					
WELL XX	OVER DET	EP- PI.UG BACK	DIFF.	Other		8. FAR	M OR LEASE	NAME
2. NAME OF OPERAT								TRIBAL A
	Energy Co	mpany					LL NO.	
3. ADDRESS OF OPER						10 =	3323-24	OF WILDOW
P. O	Box 2118,	Farmington,	New Mexico	87499		6	reater.	OL, OR WILDCAT
_							ANETH	OR BLOCK AND SURVEY
19	20' FSL &			nu	15e		AREA	, on 2004.1 2.1.4 Q2.1.1.2.1
At top prod. int	erval reported be	SAME					24 - 41	S - 23E
At total depth	SAME							
			14. PERMIT NO		ATE ISSUED		UNTY OR	13. STATE
			1 43037		11-13-8.		SAN JUA	N UTAH ELEV. CASINGHEAD
15. DATE SPUDDED	16. DATE T.D.		E COMPL. (Ready t	- 1		of, RKB, RT, GR, E	TC.)* 15.	•
12/10/85	12/20/8	35 1/0	04/86	TIPLE COMPL.,	4710' KB	FRUATE ROTAL	RY TOOLS	4699 CABLE TOOLS
20. TOTAL DEPTH, MD			How y			LED BY		1
5610'		5573'	ROTTOM NAME (	MD AND TVD)*		<del>-&gt;</del> ! 0-:	5610 I	25. WAS DIRECTIONAL
	5533' Dese		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,				SURVEY MADE
2212 -	2222 Dese	ert Creek						Yes
26. TYPE ELECTRIC	IND OTHER LOGA	BUN					27.	WAS WELL CORED
		R. Caliper	CBL CCL					No
28.	<u> </u>		NG RECORD (Re	port all strings	set in well)			
CASING SIZE	WEIGHT, LB.			OLE SIZE		MENTING RECORD		AMOUNT PULLED
13 3/8	54.50	76	5	17 1/2	See a	attached		None
8 5/8		1415	5	12 1/4		ttached		None
5 1/2	15.50	5610	)	7 7/8	See a	attached		None
29.		LINER RECORD	<u> </u>		30.	<del></del>	RECORD	
RIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (ME			SET (MD)	PACKER SET (MD)
N/A		ļ		·	2 7/8	3" <u>5519</u>		N/A
31. PERFORATION RE-	conn (Internal )	ive and number)	1	1	1	 		TIPPER TOC
		35" 2 shots	/ <i>E</i> ±	82.	ERVAL (MD)	, FRACTURE, C		WATERIAL USED
				5512'-	·			HCL Acid
5518'-	552' 0.3	35" 2 shots,	ft.	3312 -	<del>3333</del>	3200 9	<u>ar. 206</u>	RCL ACIG
5525!-	5533' 0.3	35" 2 shots	/f+_	· ·				
3323	JJJJ 01.	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10,			<u> </u>		
33.*			PRO	DUCTION		.,		
DATE FIRST PRODUCT	ION PRO	DUCTION METHOD (	Flowing, gas lift, 1	pumping—size	and type of pu	mp)	WELL STAT	tus (Producing or
12/31/	85 8	Swabbing					Prod	lucing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N, FOR	OILBBL.	GAS-N		ER—BBL	GAS-OIL BATIO
1/3/86	8	N/A		12.5	11	3	7.5	900
FLOW. TUBING PRESS.	CABING PRESS	URE CALCULATED	OII.—BBI	GAS-1		WATERBBL.	1	GRAVITY-API (CORR.)
N/A	N/A		30	27		90		2.0
34. DISPOSITION OF		or fuel, vented, etc.	)			TEST	WITHESED	1
To be						<u> </u>		7101
35. LIST OF ATTACH			*. *					40
Cement			nformation to com	nlata and ac	<b>at an data</b> 1	and from all see	Dable sees	0
ao. I Bereby Certity	AND	, A	Mormation is com			Ten Hom Bl 4V8		
SIGNED	an all	havder.	TITLE _	Vice-Pre	sident		DATE	1/13/86
	hn Alexan	er						

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	ď
				NAME	MEAS, DEPTH	TRUE VERT, DEPTH
	•			DeChelly Organ Rock	24681	
		•		Hermosa Upper Ismay Iower Ismay Gothic Shale Desert Creek	4388' 5240' 5365' 5394' 5412'	

Chuska Energy Co. Navajo Tribal "A" 3323-24 NW/SE 24- T.41S - R.23E San Juan Co., Utah

Attachment to Form 3160-4

#### CEMENT DATA

13 3/8	at 76'	148 cu. ft. Class "B", 3% CaCl <sub>2</sub> , 1/2 lb. Flocele/Sk. Cement return to surface.
8 5/8	at 1415'	765 cu. ft. 65/35 poz mix, 6% gel, 1/2 lb. D-29/Sk, followed by 236 cu. ft. Class "B", 2% CaCl <sub>2</sub> , 1/2 lb. D-29/Sk. Cement returned to surface.
5 1/2	at 5610'	Stage 1 308 cu. ft. Class "H", 10 lb. Cal-Seak/Sk, 10% salt, 0.6% Halad-9. Cement top at 4586'.  Stage 2 255 cu. ft. 65/35 poz mix, 6% gel; followed by 59 cu. ft. Class "B". Stage tool at 2680'. Cement top at 2300'.



# CHUSKA ENERGY COMPANY

3315 BLOOMFIELD HIGHWAY • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

P.O. BOX 780 • FARMINGTON, NEW MEXICO 87499

21 September, 1990

RECEIVED SEP 24 1990

State of Utah Department of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Building, Suite 350 Salt Lake City, Utah 84180-1203 OIL. GAS & MINING

Ref:

Sundry Notice: Plug and Abandon

Navajo Tribal A 22-34 Navajo Tribal 14-25 Navajo Tribal A 3323-24 Navajo Tribal A 13-4

Gentlemen

Attached for your examination and approval are the originals and two copies of the subject Sundry Notices.

Please advise if you require additional information concerning these submissions.

Sincerely,

Larry G. Sessions Operations Manager

LGS/cswh

File: C:\WP51\NTP&A\SUNCOVER

encl.

STATE OF UT	AH			
DIVISION OF OIL, GA	S AND MINING	1	5. LEASE DESIGNATION	AND SERIAL NO.
			NOG 8505-10	)87
SUNDRY NOTICES AND RE (Do not use this form for proposals to drill or to dee use "APPLICATION FOR PERMIT"	pen or pluglika dit.		6. IF INDIAN, ALLOTTE Navajo Trib	e on tribe mame
OIL GAS DELL ATUSE	AL CET	7	7. UNIT AGREEMENT NAM	Ε
WELL OTHER  2. NAME OF OPERATOR	SEP	24 1990		N. A. Walle M. Britan Stands Same and States and the states
	Da.	Sign on a	8. FARM OR LEASE WAME	
Chuska Energy Company 3. ADDRESS OF OPERATOR	mi C	ISION OF	Navajo Trib	al A
P.O. Box 780, Farmington, New Mexic	OIL, UF	AS & MINING		
4. LOCATION OF BELL (Report location clearly and in accordance	30 01499 So with any State require	ments.	3323-24 10. FIELD AND POOL, OF	R BILDCAT
See also space 17 below.) At surface 1.920' FSL	, 2,140' FEL		Aneth	
At proposed prod. zone Same	., 2,140 122		11. SEG., T., R., M., SURVEY OR A	
14. PERMIT NO. 15. ELEVATIONS (Show wheth	on DC BT (5 at a )		S24 T41S R	
	ier or, ki, ex ecc.)			13, STATE
43-037-31217 4,710' GR	THE YEAR AND AND AND ADDRESS OF THE PARTY OF	The second secon	San Juan	Utah_
16. Check Appropriate Box To	Indicate Nature of Not	tice, Report, or O	ther Data	
NOTICE OF INTENTION TO:	1	SUBS	EQUENT REPORT OF:	
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATE	R SHUT-OFF	REPAIRING W	ELL
FRACTURE TREAT MULTIPLE		TURE TREATMENT	ALTERING CA	
SHOOT OR ACIDIZE ABANDON*	SHOO	TING OR ACIDIZING	ABANDONMENT	17
REPAIR WELL CHANGE PLANS	(Oth	er)	The second secon	
(other)		(NOTE: Report resul Completion or Recom	ts of multiple completion o pletion Report and Log Form	n Well
APPROX. DATE WORK WILL START	DATE	OF COMPLETION	6-26-90	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state proposed work. If well is directionally drilled, give substant to this work.)  Commenced plugging operations 6 well and killed with water. Nipp Pumped Plug #1 (50 sx Class 'G') ppg mud 5,475' - 4,438'. Set Plumud from 4,112' - 2,400'. Ran CE (Leonard Bixler) and cement deter Pozmix cement) from 2,680' to sumarker. *Plugging operations com	5-25-90 with Mor led up BOPE. POH below retainer g #2 (38 sx Clas 3L 2,400' - 1,70 crmined to be sat urface. Cut off	* Must be not extended the rest be not extended to the rest be not extended to the rest be not extended to the rest between t	cal depths for all markers a accompanied by a cement veri Service Rig 15. cement retainer of retainer and s ' - 4,112'. Spott lewed by BLM reprodumped Plug #3 (35	Ind zones perti- ification report. Blew down at 5,475'. potted 9.0 ded 9.0 ppg esentative 51 sx 50:50
			· · · · ·	4* ·
~			:	( <b>†</b> 1)
18. I hereby certify the the foregoing is true and correct		- /	The state of the s	
1788 XX X	D. L 1		A4 - 1	
SIGNED Chairtopher S. W. Hill	TITLE Petroleum	n Engineer	DATE 21 Sept	ember, 1990
(This space for Federal or State office use)				+ 4 - Y
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE	
			s <b>e</b> s d	The Control of the American of